

SECRET

NPIC/TSSG/RED-1779-69  
29 August 1969

MEMORANDUM FOR THE RECORD

SUBJECT: PAR 253, AL-14: "Stereogram Printer Optical Feasibility Study"

REFERENCE: (a) NPIC/TSSG/RED-1766-69

25X1 1. The attached message from [ ] indicates a need for clarification  
25X1 of the subject optical design parameters. In a routine phone call from  
[ ] (Chief Project Engineer on this PAR) made on the same day  
(12 August 1969) the message was sent, he mentioned that the lens designers  
were having some difficulty with the parameters laid down on 31 July. When  
I offered to visit them before my next scheduled monitoring trip (approx-  
imately 3 September 1969), he said that would not be necessary and more  
analysis with which to make a decision would be available at that date.

2. My referenced memorandum describes the thinking that went into the  
mutually-agreed-upon decision to set the 2X-4X system before the lens  
designers as a design goal. We both recognized the possible need to retreat  
from that position to something like a 5X-10X system. It was our intention  
to bound the general problem and leave the [ ] designers with room to exper-  
iment towards the most desirable design. I can't help but feel that there  
is some lack of communication within [ ] over this matter. 25X1

3. During my absence on a business trip on the work day following  
the receipt of this attached message, [ ] described our thinking  
over the telephone to [ ] who had been unavailable the previous  
day. Ray also forwarded an official message confirming that the misunder-  
standing will be cleared up during a 3-5 September visit. 25X1

4. In a telephone conversation with [ ] on 21 August, Ray and I  
re-emphasized that maintaining 200 lines/mm resolution is the primary re-  
quirement and format coverage will vary according to the best optical design  
to achieve that performance. [ ] lens designers will continue on that basis  
and I will discuss all facts of the problem on 3-5 September. 25X1

[ ]  
TSSG/RED/SRB 25X1

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(27 Aug 69)

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